

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Nov/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.347	697.408	1) Gujrat	-6.348	-31.408
2) Hydro	8.611	59.651	2) Madhya Pradesh	5.275	35.850
3) Gas	4.829	28.285	3) Chattisgarh	5.810	30.650
Total MSPGCL	139.787	785.344	4) Maharashtra	132.142	756.457
B) 1) APML	51.844	273.899	5) Goa (Amona)	-1.470	-6.563
2) JSWEL	13.542	68.422	Total	135.409	784.986
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.781	141.317
4) RPL(AMT)	12.240	82.099	b) Mumbai Drawl	29.188	149.468
5) SWPGPL	6.415	23.461	c) MSEDCL Bilateral *	40.719	228.034
6) Other IPP	24.694	118.001	Include PX	6.699	53.569
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.781	141.317
C) 1) TPCL Thermal	10.656	57.189	Include PX	19.069	101.947
2) TPCL Hydro	1.981	18.484	Standby	0.000	0.000
3) TPCL Gas	3.056	15.793	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.604	47.900	1) MSEDCL	372.366	2074.628
D) STATE			2) Mumbai Discoms	54.484	288.832
1) Thermal	255.342	1368.379	TOTAL STATE	426.850	2363.460
(A1+C1+C4+(B1-B6))					
2) Hydro	10.592	78.135			
(A2+C2)					
3) Gas	7.885	44.078			
(A3+B7+C3)					
4) Wind	10.989	52.692			
6) SOLAR	6.634	35.192			
TOTAL STATE	291.442	1578.476			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	5666	5754	5209	4933
MSPGCL Hydro	332	395	792	253
MSPGCL Gas	207	195	198	203
MSPGCL Total Generation	6205	6344	6199	5389
Central Sector Receipt	6696	6352	5493	4706
WIND	482	482	342	496
CPP / IPP Thermal	4640	4575	4551	4387
CPP / IPP Gas	0	0	0	0
SOLAR	934	903	1	0
Exchange with Mumbai	-1304	-1336	-1226	-1167
MSEDCL DEMAND MET	17653	17320	15360	13811
Load Shedding	0	0	0	0
MSEDCL DEMAND	17653	17320	15360	13811
TPCL GENERATION	680	657	846	623
AEML GENERATION	458	445	402	360
MUMBAI DEMAND	2442	2438	2474	2150
STATE DEMAND MET	20095	19758	17834	15961
STATE DEMAND	20095	19758	17834	15961
Frequency (Hz)	50.03	50.07	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.35 Hrs	49.74 Hz at 16.43 Hrs	50	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 05/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.96	16.16	135	120
Unit 7	0.00	0.00	0	0
Unit 8	12.03	62.17	608	371
Unit 9	11.76	61.36	595	365
Unit 10	12.25	61.18	564	373
Total	39.00	200.86		
Bhusawal				
Unit 3	3.02	16.10	130	120
Unit 4	7.80	47.38	440	285
Unit 5	7.71	46.46	465	280
Total	18.52	109.95		
Parli				
Unit 6	0.00	15.22	0	0
Unit 7	3.65	20.18	191	142
Unit 8	3.70	20.72	169	136
Total	7.35	56.12		
Chandrapur				
Unit 3	2.97	11.29	138	119
Unit 4	2.92	16.02	132	116
Unit 5	7.20	40.81	310	285
Unit 6	0.00	0.00	0	0
Unit 7	7.04	37.10	305	280
Unit 8	7.88	45.13	400	270
Unit 9	7.76	46.12	397	275
Total	35.76	196.48		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	3.54	13.99	157	143
Total	3.54	13.99		
Khaparkheda				
Unit 1	2.74	13.59	130	100
Unit 2	2.93	16.68	125	120
Unit 3	3.13	17.45	140	120
Unit 4	3.02	16.76	136	120
Unit 5	7.37	30.08	465	275
Total	19.20	94.57		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	9.93	0	0
Unit 5	2.96	15.51	128	115
Total	2.96	25.44		
Uran				
All Units	4.83	28.28	224	184
Total	4.83	28.28		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.74	3.52	35	17
Total	0.74	3.52		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.53	16.68	420	40
Stage 4	0.33	8.10	305	0
Stage 3	0.57	5.17	80	0
Total	3.43	29.95		
Hydro				
KDPH	0.00	1.58	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.12	1.02	77	0
SMLHY_PTN	4.76	25.22	204	191
GHATGHAR	0.30	1.88	240	0
Total	5.18	29.70		
Wind				
Total	10.99	52.69	0	0
Total	10.99	52.69		
CPP				
APML(Mus)	51.84	273.90	0	0
JSWEL(Mus)	13.54	68.42	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	12.24	82.10	0	0
SWPGPL-Mus	6.42	23.46	0	0
Other(Mus)	24.69	118.00	0	0
Total	108.74	565.88		
SOLAR				
Total	6.63	35.19	0	0
Total	6.63	35.19		
Tata				
Trombay 5	6.40	34.30	288	253
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.78	9.32	106	58
Trombay 7B	1.28	6.48	63	47
Trombay 8	4.26	22.89	210	152
TATA Hydro	1.98	18.48	262	0
Total	15.69	91.47		
AEML				
DTPS U-1&2	9.60	47.90	458	351
Total	9.60	47.90		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.35	697.41	MSPGCL Total	139.79	785.34
			MSPGCL Thml+Gas	131.18	725.69	Koyna 1,2 & 4 Total	2.86	24.78
			MSPGCL Hydro	8.61	59.65	State Total	291.44	1578.48

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Nov/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4680	242	213	5135	572	4198	0	0	4598	5099	-1262	13742	0	13742	2290	16032	50.01
2	4933	253	203	5389	496	4387	0	0	4505	4706	-1167	13811	0	13811	2150	15961	49.97
3	5059	236	203	5498	564	4364	0	0	4811	4596	-1060	13962	0	13962	2031	15993	50.00
4	4921	251	224	5396	611	4370	0	0	4939	4864	-971	14270	0	14270	1946	16216	49.98
5	5117	247	213	5577	476	4379	0	0	5036	5377	-941	14868	0	14868	1916	16784	49.92
6	5702	419	203	6324	471	4529	0	0	5481	5798	-1001	16121	0	16121	1962	18083	49.99
7	5946	325	205	6476	442	4909	0	26	5739	5709	-993	16569	0	16569	1985	18554	50.01
8	5957	320	184	6461	427	4946	0	213	5773	5691	-996	16742	0	16742	2023	18765	50.04
9	5639	371	189	6199	378	4826	0	496	5759	5439	-1106	16232	0	16232	2133	18365	50.05
10	5198	697	202	6097	397	4596	0	766	5946	6123	-1291	16688	0	16688	2271	18959	50.00
11	5534	746	202	6482	466	4608	0	895	6512	6533	-1331	17653	0	17653	2390	20043	49.99
12	5666	332	207	6205	482	4640	0	934	6680	6696	-1304	17653	0	17653	2442	20095	50.03
13	5754	395	195	6344	482	4575	0	903	6537	6352	-1336	17320	0	17320	2438	19758	50.07
14	5474	244	193	5911	428	4525	0	904	6569	6648	-1318	17098	0	17098	2391	19489	50.08
15	5452	357	196	6005	503	4504	0	702	6496	6494	-1388	16820	0	16820	2408	19228	49.96
16	5428	237	196	5861	545	4534	0	509	6703	6295	-1335	16409	0	16409	2400	18809	49.91
17	5244	244	198	5686	459	4518	0	258	6210	5824	-1249	15496	0	15496	2354	17850	49.92
18	4975	399	197	5571	325	4484	0	27	5295	5337	-1102	14642	0	14642	2325	16967	49.97
19	5209	792	198	6199	342	4551	0	1	5349	5493	-1226	15360	0	15360	2474	17834	50.00
20	5412	531	198	6141	419	4518	0	0	5428	5307	-1403	14982	0	14982	2500	17482	50.04
21	4991	257	199	5447	392	4540	0	0	5314	5310	-1367	14322	0	14322	2473	16795	50.05
22	4688	243	204	5135	422	4401	0	0	5271	5411	-1367	14002	0	14002	2427	16429	50.00
23	4685	242	202	5129	429	4414	0	0	5245	5259	-1326	13905	0	13905	2387	16292	50.01
24	4683	231	205	5119	461	4419	0	0	5284	5048	-1348	13699	0	13699	2369	16068	49.97
MUs	126.35	8.61	4.83	139.79	10.99	108.73	0.00	6.63	135.48	135.41	-29.19	372.37	0.00	372.37	54.49	426.85	50.00

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Nov/2021

Position as on 6.30 Hrs of 06/Nov/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 3	210	04/09/2021	23.58		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 6	500	17/10/2021	18.40		Continued.	Boiler Tripped On Total Air Flow less than 30%.(Converted to AOH 00:00 hrs 18.10.2021)	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
MSPGCL	Nasik Unit 3	210	30/08/2021	22.51		Continued.	Against case 4.which was outage on Loss of Fuel(From 19.44Hrs DT.26-08-2021	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vabration high	
IPP	RPL(AMT) U-2	270	29/09/2021	01.15		Continued.	Coal Shortage	
IPP	RPL(AMT) U-1	270	05/10/2021	22.15		Continued.	Coal Shortage	
IPP	JSW (J) U4	300	22/10/2021	21.45		Continued.	Due to no schedule.	
MSPGCL	Paras Unit 3	250	27/10/2021	19.05		Continued.	Air heater problem	
MSPGCL	Uran Unit 5	108	02/11/2021	00.21	05/11/2021	08.01	Gas shortage	
MSPGCL	Nasik Unit 4	210	03/11/2021	21.02		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	04/11/2021	16.50		Continued.	Zero schedule	
MSPGCL	Uran Unit 6	108	05/11/2021	07.56		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 06/Nov/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Chakan Talegaon(Pg)	InterState	06/11/2021	10.23	06/11/2021	18.00	PO	Line AMP and relay testing work.
Khadka-Aurangabad (Waluj)	IntraState	11/10/2021	12.33		Continued.	PO	Height raising/shifting work of S/C 400kV Waluj- Bhusawal line for Samruddhi Mahamarg. ie. 1) Dismantling of loc no. 125 (D+6), 126 (D+6).
Karad - Jaigad - II	IntraState	03/11/2021	20.35		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/11/2021	21.31	05/11/2021	07.23	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/11/2021	20.56	06/11/2021	09.16	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/11/2021	20.48		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Mahalakshmi Amona	InterState	05/11/2021	15.46	05/11/2021	18.00	T	Distance Protection
Adlabs - Pedambe	IntraState	04/11/2021	17.53	05/11/2021	13.15	T	Distance Protection
Dasturi-Kandalgaon Line	IntraState	04/11/2021	17.55	05/11/2021	15.17	T	Distance Protection
Jejuri (400 Kv)- Baramati li	IntraState	04/11/2021	19.57	05/11/2021	05.41	T	Coupling capacitor burst R-ph
Ranjangaon-Fiat 1	IntraState	05/11/2021	06.46	05/11/2021	17.55	PO	Annual Maintenance Work
Ranjangaon-Fiat 2	IntraState	05/11/2021	06.46	05/11/2021	17.55	PO	Annual Maintenance Work
Chalishaon-Pimparkhed	IntraState	06/11/2021	18.39	06/11/2021	21.20	PO	Diagnostic testing work.
Sawantwadi-Bidri	IntraState	06/11/2021	21.18		Continued.	HT	Over Voltage
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Vijai Ict 1 @Ranjangaon	IntraState	06/11/2021	18.10	06/11/2021	22.40	PO	Half yearly maintenance work

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage